



**MICHIGAN AIR NATIONAL GUARD
HEADQUARTERS 127TH WING (ACC)
SEFRIDGE ANG BASE MICHIGAN**

28 June 2005

127 WG/SE
29553 George Avenue
Selfridge ANGB MI 48045

To All Airport Managers, FBOs and Fellow Pilots,

Members of the 127th Wing Aviation Safety located at Selfridge Air National Guard Base have developed a "Mid-Air Collision Avoidance" (MACA) program.

Selfridge ANG Base is home to the 127th Wing F-16 and C-130 aircraft. Our tenant units include: 927th Air Refueling Wing with KC-135 refueling tankers, U.S. Coast Guard Rescue HH-65B Dolphin and Army Guard HH-47's Helicopters. The base also has a wide variety of transient aircraft.

I have included diagrams that depict our most common routes of flight, along with operational training areas. Increasing your awareness of our operations may prevent a near or actual aircraft accident which could result in aircraft loss and worse, the death of fellow aviators.

I'm asking for your partnership in aviation safety and also ask that you post this information so that pilots have the opportunity to review. If you have any questions or need additional materials you can contact me by phone or email as listed below.

When requested, I am personally willing to speak to groups of aviators in the interest of safety. Our goal is ZERO mishaps and 100% smart and informed pilots. Thanks for your time. Wishing safe flights to all!

Sincerely,

ROSS P. DICKINSON, Lt Col, MI ANG
Chief, 127th Wing Safety

Attachment: Local Area Guide and Web Link www.miself.ang.af.mil

Contact Information: Commercial (586) 307-5854
Email Ross.Dickinson@Miself.ang.af.mil



OUR AIRCRAFT

- F-16s, C-130's, KC-135's
& USCG HH-65a Helicopters
- Up to **14 aircraft** in the local traffic
pattern at once

HEAVY TRAFFIC TIMES

AM – 0900 – 1100

PM – 1300 – 1500

Night – Sunset to Sunset + 3 Hours

WHERE WE FLY

Alpena MOA/ATCAA Complex

Steelhead

(6K' MSL - FL 500)

Pike East

(300' AGL - FL500)

Pike West

(6K' MSL – FL 500)

Garland N/S

(FL 220- FL 270)



Selfridge Air National Guard Base

DEPARTURES

Runway heading to 2300' MSL, then
North (East turnout) to MOAs

RECOVERIES

TACAN or ILS Approach –

Wx or Training Requirements

VFR Patterns –

3 – 5 mile initial / East Break

350 knots / 2200' MSL

Re-entry Pattern East of field
over Lake St. Clair

Tactical Initial –

4000' line- abreast

5 – 10 mile initial

SFO (Simulated Flame Out)

Overhead field

SFC to 9000' MSL

WHAT YOU CAN DO

Contact Selfridge Approach
VHF 119.6 when operating within
30nm North/East of MTC

or

Pike East/West, Garland Airspace
Minneapolis Center VHF 118.52

or

Steelhead MOA/ATCAA
Cleveland Center VHF 127.7



www.miself.ang.af.mil

Military UHF frequencies will
prevent YOU from hearing F-16
transmissions,
and the F-16s cannot hear your
transmissions on VHF.

For any questions or comments, call

Lt Col Ross P. Dickinson

127th Wing Chief of Safety

Safety Office (586) 307-5854



Mid-Air Collision Avoidance



Every Pilot's Concern



Mid-Air Collision Avoidance

Every Pilot's
Concern



Selfridge Air National Guard Base

OUR AIRCRAFT

F-16C Fighters, C-130 Cargo,
KC-135R Air Refueling Tankers and
Coast Guard HH-65B Rescue Helicopters
Army Guard HH-47 Helicopters
Up to 14 aircraft can be in and around
Selfridge at any given time.

WHEN WE FLY

Daily flying is commonly divided into 2
periods -- morning and afternoon. When
night training is taking place, the flying
periods will be afternoon and evening.
Between 8 and 12 aircraft may be involved
in each flying period.

WHERE WE FLY

The graphic above depicts our Military
Operating Areas (MOA's).
Refer to the current Michigan sectional
chart for exact depictions.

DEPARTURES

Fixed wing departures from Selfridge
normally climb on runway heading to
2300' MSL and proceed North for the
training areas. Departure airspeed is up
to 350 knots. Departing aircraft are
normally on an IFR clearance and in
contact with Selfridge Departure Control
or Cleveland Center.

RECOVERIES

Recoveries to a TACAN or ILS approach
or letdowns to a VFR traffic pattern may
be used to recover the military jets to
Selfridge. The VFR traffic pattern can get
very congested. Most aircraft will be with
Cleveland Center or Selfridge Approach
Control prior to contacting Selfridge
Tower at ~10 Miles.



127th Wing Website

www.miself.ang.af.mil

Visit our site for more
Airspace and MACA
Information in the future

VFR Patterns – The F-16s align with the
runway by 3 miles when flying "initial" for
an overhead pattern. F-16 pattern altitude is
2200' MSL with pitchouts to the East.
Entries/Re-entries will be accomplished at
2200' MSL over Lake St. Clair. Airspeed
prior to the overhead break is 300-350 knots.

Tactical(TAC) Initial – Flown with one
aircraft lined up with the runway and the
wingman offset 4000' to the West. Airspeed
prior to the break is 350 knots.

Drop Zone Approaches – Approaching from
the East @ 2200' MSL and 300 kts with their
cargo door open. C-130's drop heavyweight
pallets simulating re-supply procedures in
remote locations.

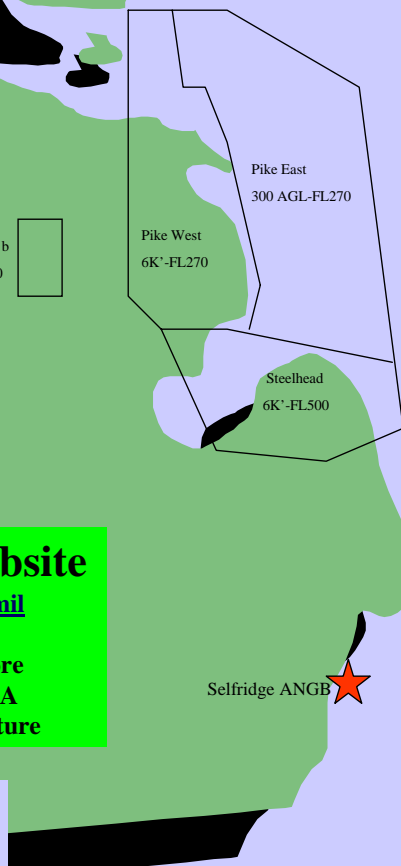
Coast Guard Rescue Helicopters – Flying
mostly VFR, HH-65's approach and depart
from Selfridge patrolling the international
waterways of the Great Lakes

WHAT YOU CAN DO
Contact Cleveland Center –
127.7 (Steelhead)
Minneapolis Center
118.52 (Pike East / West)
when operating near or through our MOAs

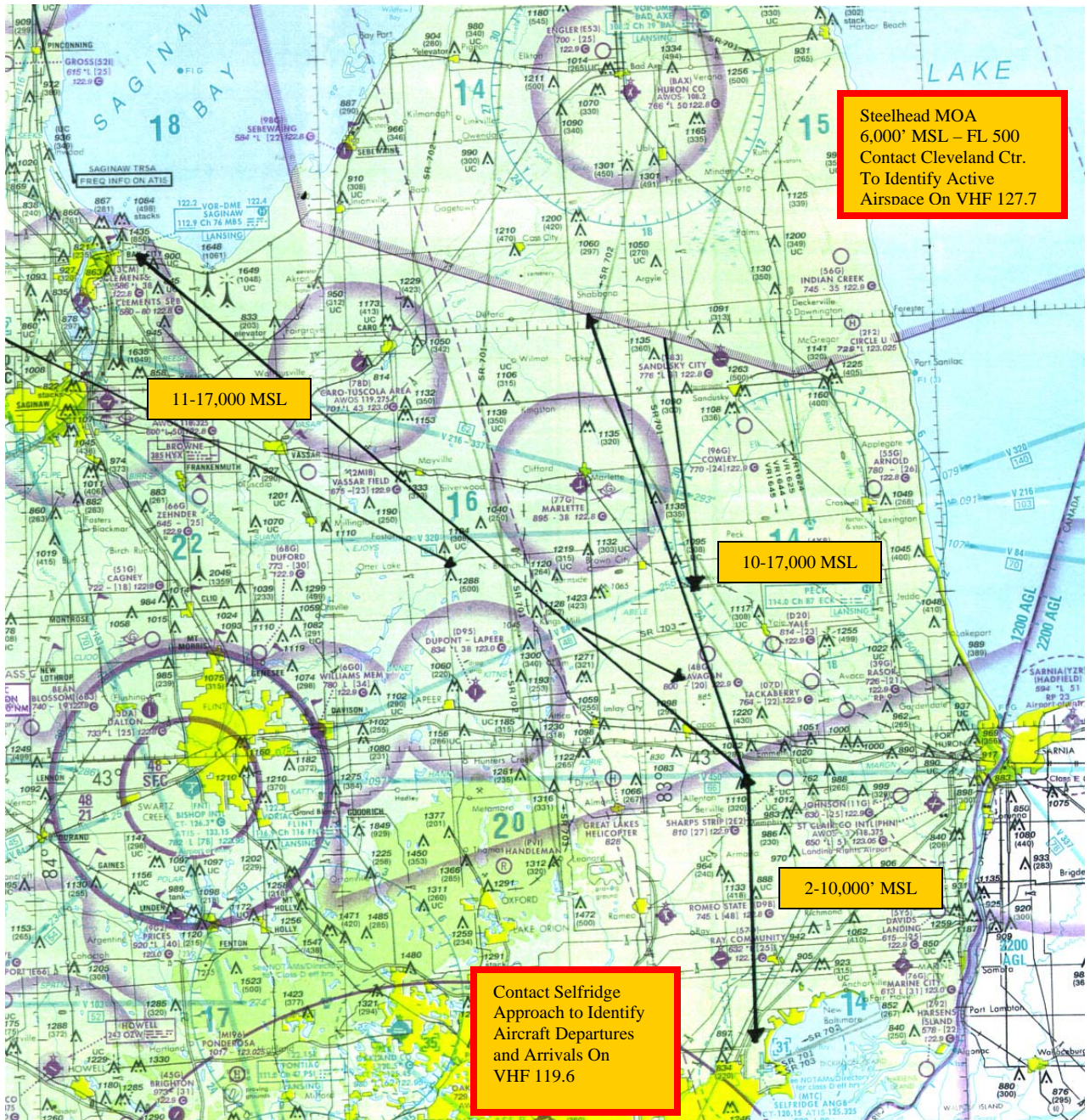
Contact Selfridge Approach – 119.6
(within 30nm of KMTC) for VFR
advisories

Military uses UHF frequencies
You use VHF Frequencies
We can't hear each other

For any questions or comments call:
Lt Col Ross P. Dickinson
127th Wing Chief of Safety
(586) 307-5854



Selfridge ANG Base Primary F-16 Departure and Recovery Daily Training Routes

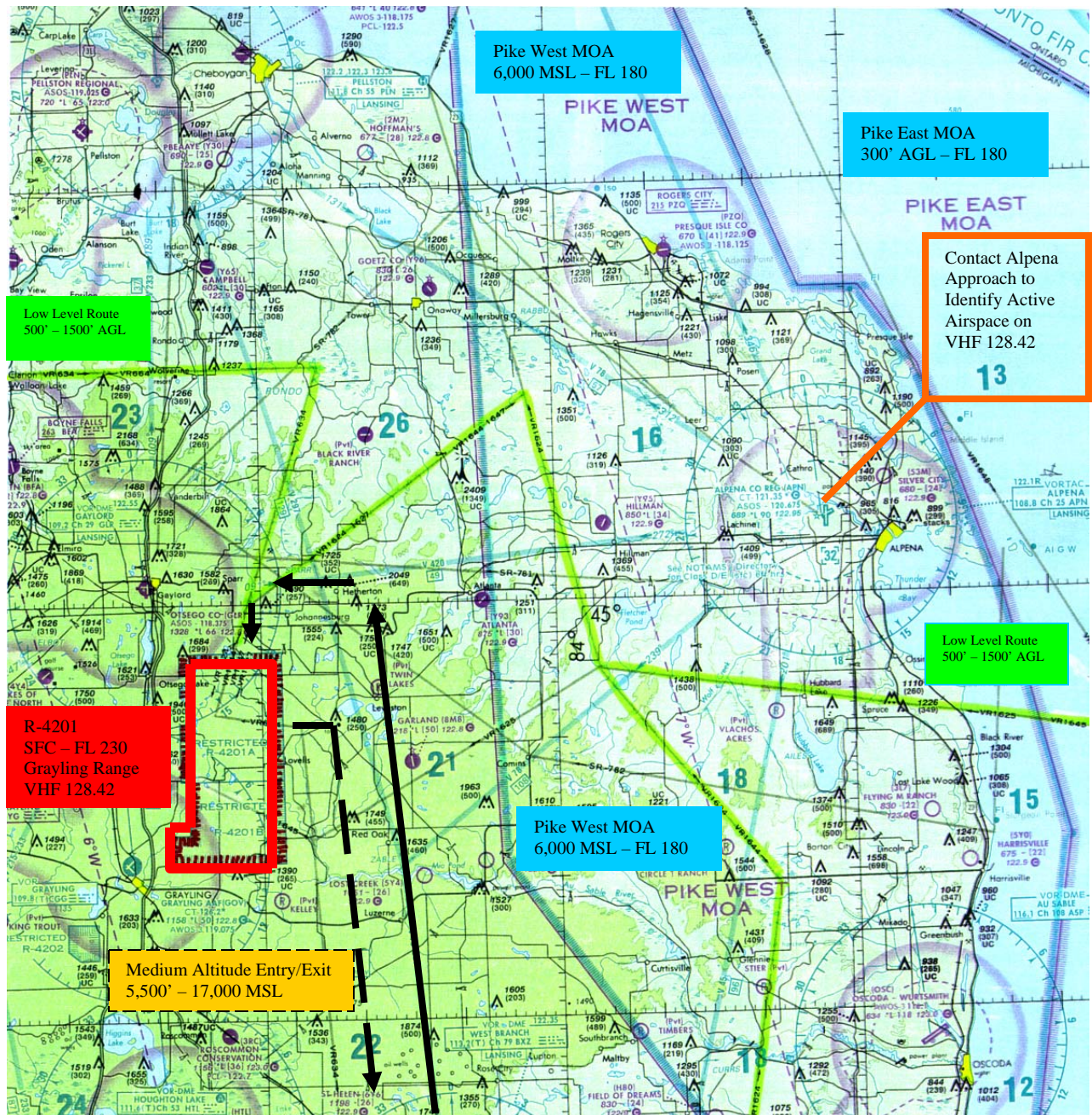


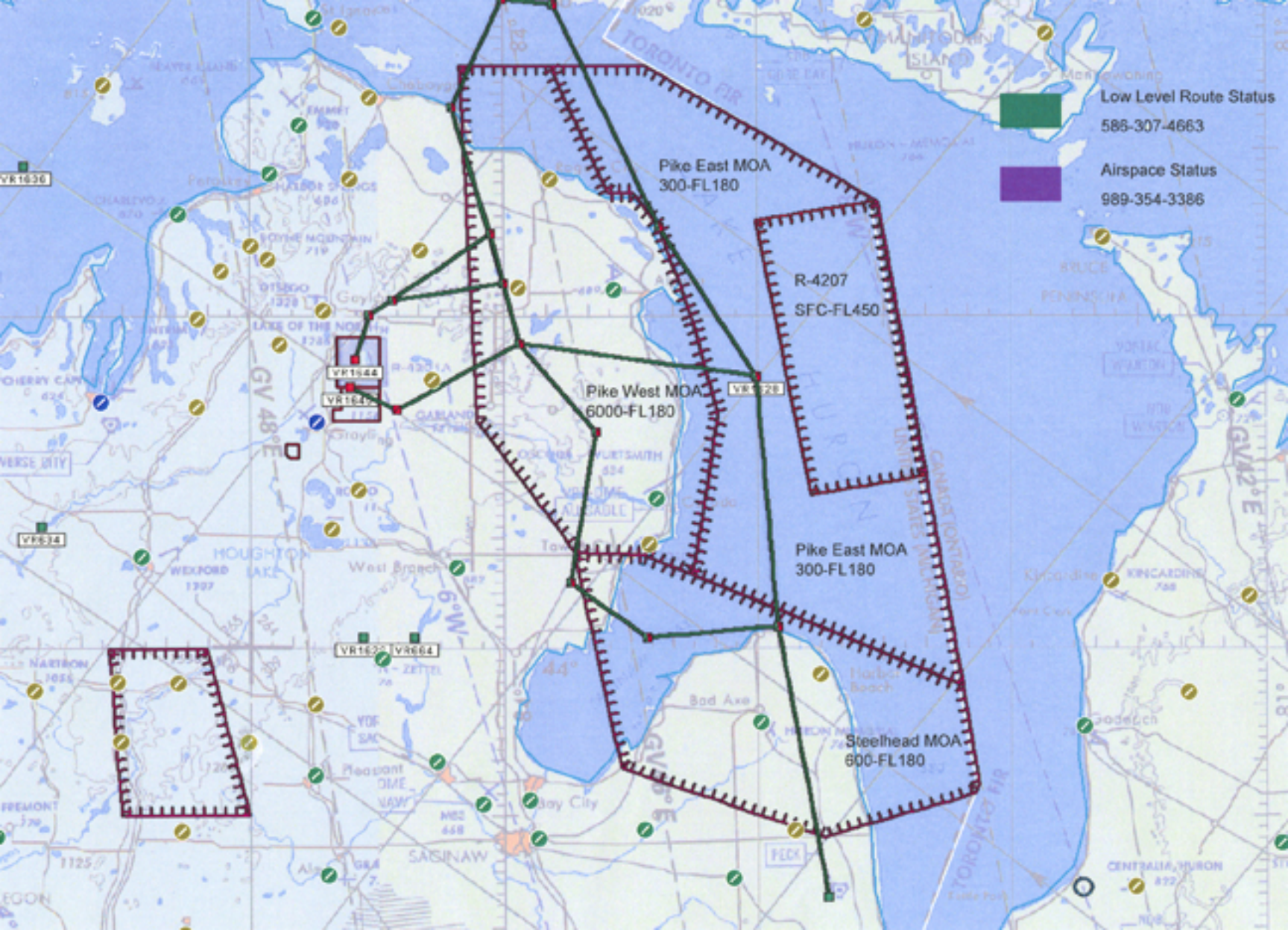
Selfridge ANG Base

F-16 Range Entry and Airspace Used

Grayling Range (R-4201) Low Altitude Entry and Patterns

Pike West & Pike East MOA Airspace





Selfridge Air National Guard Base

Out to 10 NM at 2,300 Feet MSL

